"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEA, O.; WEINREB, J.

Portable device for rapid determination of the humidity of capillary porous materials. p. 541. Academia Republicii Populare Romine. Institutul de Fizica. STUDII SI CERCETARI DE FIZICA. Bucuresti. Vol. 6, no. 3, July/Sept. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEA, O.; FRIEDLANDER, E.

On the behavior of the soft component of the cosmic rays under thick lead layers. Studii cerc fiz 11 no.3:515-519 '60. (EEAI 10:2)

1. Institutul de fizica atomica, Bucuresti.
(Cosmic rays) (Lead)
(Counters (Electrons, ions, etc.)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

28921

S/056/61/041/004/004/019
B108/B102

3,2410

AUTHORS: Bozoki, G., Fen'vesh, E., Shandor, T., Bales, O., Batagui, M., Fridlender, Ye., Betev, B., Kavlakov, Sh., Mitrani, L.

TITLE: Absorption of nuclear-active cosmic-ray particles in air

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41, no. 4(10), 1961, 1043-1045

TEXT: The absorption of the nuclear-active component of cosmic radiation in air was measured at various altitudes above sea level. Showers were recorded with a coincidence arrangement of counters installed in a lead block (Fig. 1). The muon background was measured in Budapest 8 m underground (17 m water equivalent) to secure the recording of sixfold-coincidences due to muons only. The sixfold coincidences were recorded by the pair-connected counters 5 and 7, and 6 and 8. This underground measurement, together with the other measurements at various altitudes, made it possible to obtain corrections for background to the coincidence measurements with nuclear-active cosmic-ray particles. Results:

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Absorption of nuclear-active cosmic-...

Place of measurement	Depth, g/cm^2	Coincidences per hour
Bucharest (80 m above sea level)	1009	1.00 ± 0.04
Budapest (410 m)	969	1.55 ± 0.04
Bushteni (950 m)	907	2.37 ± 0.04
Pik Stalina (2925 m)	703	13.67 ± 0.11

The absorption mean free path λ_a for nuclear-active particles in air was found to be (119 ± 1)g/cm^2. From the frequency of coincidences, the authors estimated the particle mean energy to amount to 30 Bev. The authors thank Professor L. Yanoshi, Professor G. Nadzhakov, and Professor I. Auslender for their interest and advice, N. Akhababyan, I. Kh. Ionn,

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

Absorption of nuclear-active cosmic-...

Y. Kokh, G. Taler, K. Tsige'man, and Y. Shnirer for the installation of the experimental device, and E. Rupp for assistance in calculations. Mention is made of Sh. A. Azimov, V. F. Vishnevskiy, N. I. Khil'ko (DAN SSSR, 78, 231, 1951), and of K. P. Ryzhkova and L. I. Saryoheva (ZhETF, 28, 618, 1955). There are 2 figures, 1 table, and 8 references: 3 Soviet-bloc and 5 non-Soviet. The four references to English-language publications read as follows: I. Tinlot, Phys. Rev., 74, 1197, 1948; L. Hodson, Proc. Phys. Soc., A64, 702, 1952; E. P. George, A. Jason, Proc. Phys. Soc., A63, 1081, 1950; H. S. Bridge, R. H. Rediker, Phys. Rev., 88, 206, 1952.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut fiziki Vengerskogo Akademii nauk, Budapesht (Central Scientific Research Institute of Physics of the Hungarian Academy of Sciences, Budapest) (G. Bozoki, E. Fen'vesh, T. Shandor), Institut yadernoy fiziki v Bukhareste, Rumyniya (Institute of Nuclear Physics in Bucharest, Romania) (O. Balea, M. Batagui, Ye. Fridlender), Fizicheskiy institut s Atomnoy nauchno-eksperimental'noy bazoy v Sofii, Bolgariya (Institute of Physics With Atomic Scientific Test Base in Sofiya, Bulgaria) (B. Betev, Sh. Kavlakov, L. Mitrani).

Card 3/4

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEANU, I.N.

Evolution of designs of fixed constructions for crossing the English Channel. Rev cailor fer 12 no.10:597-602 O '64.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEBANOV, V.M.; GLASKO, V.B.; GROSHEV, A.L.; KUZNETSOV, V.V.; SVESHNIKOV, A.G.; SEMASHKO, N.N.

Motion of single charged particles in undulating magnetic fields. Atom. energ. 15 no.4:318-319 O '63. (MIRA 16:10)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEBANOV, V.M.; VOLKOV, B.I.; GLASKO, V.B.; GROSHEV, A.L.; KUZNETSOV, V.V.; SVESHNIKOV, A.G.; SEMASHKO, N.N.

Motion of isolated charged particles in a magnetic field with helical symmetry. Atom. energ. 15 no.5:409-410 N '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

L 04102-67 EWT(1)/T IJP(c)

ACC NR: AT6031143 SOURCE CODE: UR/3136/66/000/078/0001/0060

54
50
23+1

AUTHOR: Balebanov, V. M.; Semashko, N. N.

ORG: none

TITLE: Lifetime of individual charged particles in a magnetic trap with mirrors

SOURCE: Moscow. Institut atomnoy energii. Doklady, IAE-1078, 1966. Vremya zhizni otdel'nykh zaryazhennykh chastits v magnitnoy lovushke s probkami, 1-60

TOPIC TAGS: charged particle, magnetic trap, magnetic moment variation, particle lifetime, charged particle lifetime, magnetic field, stationary magnetic field, axially symmetric magnetic field, disturbed magnetic field

ABSTRACT: Measurements are presented of the lifetime of individual charged particles in a stationary axially-symmetric magnetic field with mirrors. The experiments described confirm theoretical findings on the relatively small exponential variation of the magnetic moment in relation to the adiabaticity of the motion of a particle near the point of reflection. Assuming random or resonance accumulation

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ACC NR: AT6031143

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processes, the authors obtain an exponential index and pre-exponential factor for an expression describing variation in the magnetic moment for a given magnetic field (Ogry-I fields). Measurements obtained on the lifetime of particles in an axially-symmetric disturbed magnetic field are in satisfactory agreement with expressions derived for variations in the magnetic moment. The anomalous increase in the lifetime of electrons in a trap was observed experimentally under conditions corresponding to the absolute retention of particles in a limited space ("Stormer region"). The authors thank A. A. Rosiov for his preparation of the equipment and instruments and direct participation in this study, and I. N. Golovin, L. I. Artemenkov, and A. M. Dykhne for their helpful discussion of the results obtained. [Authors' abstract]

[SP]

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 024/ OTH REF: 013

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEISIENE, E.

Chemical prophylaxis applied to "contacts" in the Republic. Sveik. apsaug. 9 no.3:29-31 Mr'64

1. Tuberkuliozes m.t. instituto organizacinio ir metodinio skyriaus vedeja.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEISIENE, E.

Use of chemoprophylactic methods with tuberculous "contacts" in the Republic. Sveik. Apsaug. no.3:29-31 '64.

1. Lietuvos respublikinis tuberkuliozes mokslinio tyrimo instituto organizacinio ir metodinion skyriaus vedeja.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Uses. Part II. Elements. Oxi-
des. Mineral Acids. Bases. Salts.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 50847

Author : Balej, Jan
Inst : -
Title : Treatment of Furnace Gases for Production of Pure Sulfur.

Orig Pub : Chem. Prumysl, 1957, 7, No 12, 646-648

Abstract : A survey of present state of technology of recovery of sulfur (as SO_2) from roasting and other waste gases. Bibliography. 17 references. -- I. Elinek

Card : 1/1

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, JAN

CZECHOSLOVAKIA/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibrium. Physicochemical Analysis, Phase Transitions. B-8

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24183

Author : Regner Albert, Balej Jan
Inst : -
Title : Solubility Diagram of the System $K_3[Fe(CN)_6]$-$K_4[Fe(CN)_6]$-H_2O.

Orig Pub : Chem. listy, 1957, 51, No 2, 367-369; Sb. chekhosl. khim. rabot, 1957, 22, No 5, 1683-1685

Abstract : A study of the solubility has been made and a diagram of the system has been plotted at 15, 50, 65 and 80°. At the investigated temperatures the solid phases are $K_3Fe(CN)_6$ and $K_4Fe(CN)_6 \cdot 3H_2O$; double salts are not formed in the system.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

JAN BALEJ.

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur - Khim., No 10, 1958, No 32198

Author : Jan Balej, Ivo Rousar
Inst : -
Title : Potentiometric Determination of Ferricyanides with Cr^{3} Salts.

Orig Pub : Chem. listy, 1957, 51, No 5, 965-967

Abstract : A method based on the reduction of $Fe(CN)_6^{3-}$ to $Fe(CN)_4^{4-}$ with Cr^{3+} is described. The titration is carried out with 0.1 n. solution of $KCr(SO_4)_2$ in a strongly alkaline medium (3 to 4 n. referred to KOH) and at a raised temperature (50°). Under such condition, a rapid and quantitative reduction of $Fe(CN)_6^{3-}$ takes place, but a partial decomposition of $Fe(CN)_6^{3-}$ under the action of OH^- is also observed simultaneously. In

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur - Khim., No 10, 1958, No 32198

order to eliminate the error connected with the $Fe(CN)_6^{3-}$ decomposition, it is necessary to find the titration standard of the used Cr^{3+} solution with pure $K_3Fe(CN)_6$ under the same titration condition as those under which analyses are done. The inflection point of the titration curve is at 0 mv (referred to the saturated Hg_2Cl_2 electrode); the potential change near the equivalence point is about 120 mv per 1 milt of the titrated solution. The determination error is plus/minus 0.2%, if 5 to 25 milt of the titrated solution were used, and plus/minus 0.8% if 1 to 5 milt were used. The presence of $Fe(CN)_6^{4-}$ does not interfere.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

Balej J.

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of Inorganic Properties. E

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64232

Author : Balej J., Rousar I
Inst : Not given
Title : Potentiometer Determination of Ferricyanides by Means of Cr^{3+} Salts

Orig Pub: Czechosl. chem. communs, 1958, 23, No 3, 545-548

Abstract: See RZhKhim, 1958, 32198.

Card 1/1

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

REGNER, Albert; BALEJ, Jan

Electrochemical production of potassium ferricyanide II; effect of hydrodynamic conditions on electro-oxidation of ferrocyanide. Chem prum 11 no.11:566-568 N '61.

1. Ustav anorganicke chemie Ceskoslovenske akademie ved, Praha.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, Jan

"Theoretical Electrochemistry" by E. Darmois and G. Darmois. Reviewed by Jan Balej. Chem prum 11 no.11:597-598 N '61.

1. Ustav anorganicke chemie Ceskoslovenske akademie ved.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

REGNER, A.; BALEJ, J.

Study of the kinetics of electrochemical oxidation of potassium-cyanoferrate (II) on a graphite electrode. Coll Cz chem 26 no.1: 237-245 Ja '61. (KEAI 10:9)

1. Institut fur anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften, Prag.

(Electrochemistry) (Potassium ferricyanide)
(Potassium ferrocyanide) (Electrodes)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

REGNER, Albert; BALEJ, Jan; ROUSAR, Ivo

Electrochemical production of potassium ferrocyanide. Part 3: Verification of suggested method in laboratory electrolyzer. Chem prum 12 no.1:8-11 Ja '62.

1. Ustav anorganicke chemie, Ceskoslovenska akademie ved, Praha and Katedra anorganicke technologie, Vysoka skola chemickotechnologicka, Praha.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.

"Electrode processes; discussions of the Faraday Society". Reviewed by J. Balej. Chem prum 12 no.1:39-40 Ja '62.

1. Ustav anorganicke chemie, Ceskoslovenska akademie ved, Praha.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; KOUDELKA, V.; VONDRAK, J.; PASEKA, I.

Laboratory pump from plastics for agressive liquids. Chem prum 12 no.8:446-447 Ag '62.

1. Ustav anorganicke chemie, Ceskoslovenska akademie ved, Praha.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; REGNER, A.

Phase diagram of systems $K_2S_2O_8$-$(NH_4)_2S_2O_8$-H_2O. Coll Cz Chem 27 no.9:2208-2212 S '62.

1. Institut fur anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften, Prag.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, Jan

"Transaction of the Symposium on Electrode Process" compiled by E. Yeager. Reviewed by Jan Balej. Chem prum 12 no.10:567-568 O '62.

1. Ceskoslovenska akademie ved, Praha.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, Jan

Conditions for intensifying the mercury electrolysis of alkali chlorides. Chem prum 13 no.2:60-63 F '63.

1. Ustav anorganicke chemie, Ceskoslovenska akademie ved, Praha.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; PASEKA, J.; VONDRAK, J.

Determining the physical and chemical properties of alkali metal amalgams. Pt.2. Coll Cz Chem 28 no.2:528-30 F '63.

1. Institut fur anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften, Prag.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.

CZECHOSLOVAKIA /

BALEJ, J; REGNER, A.

Institute of Anorganic Chemistry, Czechoslovak Academy of Science, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 5, 1963, pp 1266-1271

"Phase Diagram of the System $(NH_4)_2S_2O_8$-(NH_4) SO_4-H_2O."

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; REGNER, A.

Solubility of sodium persulfate in water. Coll Cz Chem 28 no.1: 254-257 Ja '63.

1. Institut fur anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften, Prag.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, Jan; VONDRAK, Jiri; KOUDELKA, Vojtech; PASEKA, Ivo

Device for measurement of the gas evolution and flow velocity.
Chem listy 57 no. 12: 1284-1288 D '63.

1. Ustav anorganicke chemie, Ceskoslovenska akademie ved, Praha (for all except Koudelka).
2. Prazska akumulatorka, n.p., Mlada Boleslav (for Koudelka).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; REGNER, A.

Solubility diagram of systems $(NH_4)_2S_2O_8$-H_2SO_4-H_2O. Coll Cz Chem 28 no. 12:3188-3193 D '63.

1. Institut fur anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften, Prag.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

CZECHOSLOVAKIA

BALEJ, J; PASEKA, I; VONDRAK, J.

Institute of Anorganic Chemistry of the Czechoslovak Academy of Sciences, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, Vol 8, 1963, pp 2242-2244

"Determination of Physical-Chemical Properties of Amalgamates of the Alkali Metals. III. Viscosity of Natrium and Calium Amalgamates."

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, Jan; KOUDELKA, V.; PASEKA, I.

Influence of brine impurities on the amalgam electrolysis of alkaline chlorides. Pt.1. Chem prum 13 no.9:460-464 S '63.

1. Ustav anorganicke chemie, Ceskoslovenska akademie ved, Praha (for Balej and Paseka). 2. Prazska akumulatorka, n.p., Mlada Boleslav (for Koudelka).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; REGNER, A.

Solubility diagram of the system $(NH_4)_2S_2O_8$-$(NH_4)_2SO_4$-H_2O.
Coll Cz Chem 28 no. 5:1266-1272 My '63.

1. Institut fur anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften, Prag.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; KOHOUTKOVA, M.; PASEKA, J.; VONDRAK, J.

Electric conductivity of concentrated agueous solutions of $NaCl-Na_2CO_3$ and NaCl-NaOH mixtures. Chem prum 14 no.1: 9-11 Ja'64.

1. Ustav anorganicke chemie, Ceskoslovenska akademie ved, Praha.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BAILEJ, J.; KOUDELKA, V.; PASEKA, I.

Brine impurity influence on the amalgam electrolysis of alkali chlorides. Pt. 2. Chem prum 14 no. 3: 113-119 Mr '64.

1. Institute of Inorganic Chemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; KOUDELKA, V.; PASEKA, I.; VONDRAK, J.

Influence of brine impurities on the amalgam electrolysis of alkali chlorides. Pt.3. Chem prum 14 no.5:238-241 My '64.

1. Institute of Inorganic Chemistry, Czechoslovak Academy of Sciences, Prague (for all except Koudelka).
2. Prazska akumulatorka National Enterprise, Mlada Boleslav (for Koudelka).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; PASEKA, I.; KOUDELKA, V.

Influence of brine impurities on the amalgam electrolysis of alkali chlorides. Pt. 4. Chem prum 14 no.6:296-299 Je '64.

1. Institute of Inorganic Chemistry, Czechoslovak Academy of Sciences, Prague (for Balej and Paseka). 2. Prazska akumulatorka National Enterprise, Mlada Boleslav (for Koudelka).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; PASEKA, I.; KOUDELKA, V.

Effect of brine impurities on the amalgam electrolysis of alkali chlorides. Pt. 5. Chem prum 14 no.8:395-398 Ag '64.

1. Institute of Inorganic Chemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, Jan

Energy utilization in the production of alkali hydroxides through decomposing alkali metal amalgams by means of water. Chem listy 58 no.9:1013-1032 S '64.

1. Institute of Inorganic Chemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; PASEKA, I.; KOHLICKA, V.

Effect of brine impurities on the amalgam electrolysis of alkali chlorides, Pt.5. Chem zvesti 14 no.10:511-515 O '64.

1. Institute of Inorganic Chemistry, Czechoslowak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEJ, J.; PASEKA, I.; VONDRAK, J.; KOUDELKA, V.; [illegible], A.

Study on the electrochemical production of chlorine and soda.
Chem prum 14 no.11:576-581 N '64.

1. Institute of Inorganic Chemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

CZECHOSLOVAKIA

BALEJ, J.; REGNER, A.

Institute for Inorganic Chemistry, Czechoslovak Academy of Sciences (Institut für anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften), Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 1, January 1966, pp 361-363

"On the solubility of ammonium persulfate in water."

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

CZECHOSLOVAKIA

BALEJ, J.; REGNER, A.

Institute for Inorganic Chemistry, Czechoslovak Academy of Sciences (Institut für anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften), Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 2, Feb 1966, pp 938-942

"Diagram of the solubility of the system $(NH_4)_2S_2O_8$-$Na_2S_2O_8$-H_2O."

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

CZECHOSLOVAKIA

PASEKA, I.; BALEJ, J.; VONDRAK, J.; REGNER, A.

Institute of Inorganic Chemistry, Czechoslovak Academy of Sciences (Institut für anorganische Chemie, Tschechoslowakische Akademie der Wissenschaften), Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 10, October 1966, pp 3859-3868

"Kinetics of anode solubility of sodium amalgams on a vertical flowing electrode."

(4)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, A. [Bálek, Alexej]; DANEK, S. [Daněk, Stanislav], inzh.; FOFF, A. [Foff, Arthur], inzh.; KOLVODA, Ya. [Kalvoda, Jan], doktor; SHMID, Y. [Schmid, Josef], inzh.; SHKVOR, I. [Škvor, J.], doktor; VAYTTS, A. [Waitz, Antonín], inzh.; ROMASHKIN, N.I. [translator]; VEKSHIN, G.K. [translator]; TKACHEVA, T.K. [translator]; OSTROUMOVA, V.S., red.; SEMENOVA, N.Kh., red.; KAPRALOVA, A.A., tekhn.red.

[General inventory of fixed assets in Czechoslovakia] General'naia inventarizatsiia osnovnykh fondov v Chekhoslovakii. Moskva, Gos. statist.izd-vo, 1959. 101 p. (MIRA 13:2)
(Czechoslovakia--Inventories)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, A.; GABESAM, L., inzh.; KHAVELKOVA, B., inzh.; STITSKEL, I., inzh.; SHVAGR, Ya., inzh.; TITERA, D., inzh. ZHDYARSKIY, M., doktor; SEMENOV, I.I. [translator]; KORMNOV, Yu.F., red.; SHAGALOV, G.L., red.; REZOUKHOVA, A.G., tekhn.red.

[Economic development of Czechoslovakia from 1948 through 1958] Ekonomicheskoe razvitie Chekhoslovakii, 1948-1958 gg. Red.IU.F. Kormnov. Moskva, Izd-vo inostr.lit-ry, 1959. 367 p. Translated from the Czech. (MIRA 13:4)

1. Gosudarstvennoye statisticheskoye upravleniye Chekhoslovakii (for Balek, Gabesam, Khavelkova, Stitskel, Shvagr, Titera, Zhdyarskiy). (Czechoslovakia--Economic conditions)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BAIEK, F.

A conference of leading officials of factory technical libraries and study departments in the machinery industry.

P. 555, (Strojirenstvi) Vol. 7, no. 7, July 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, F.

"Where to look for technical literature?"

p. 280 (Nova Technika, No. 6, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, F.; JÄGER, M.

An analytical system for the registration of neurological case histories. Cesk. neurol. 29 no.1:48-54 Ja '66.

1. Neurologicka klinika Lekarskej fakulty Univerzity Komenskeho v Bratislave (prednosta akademik J. Cernacek).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, F.; CERNACEK, J.; LIBIKOVA, H.

New findings in the clinical picture of certain virus neuroinfections. Bratisl. lek. listy 34 no.10-11:1237-1249 Oct-Nov 54.

1. Z Neurologickiej katedry SU v Bratislave, prednosta clen koresp. SAV J.Cernacek. Z Virologickeho ustavu CSAV v Bratislave, riaditel akademik D.Blaskovic

(CENTRAL NERVOUS SYSTEM, diseases
viral infect., clin. aspect)
(VIRUS DISEASES
CNS, clin. aspect)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

ONDREJICKA, M.; BALEK, F.

Contribution to the clinical symptomatology of so called lymphocytic choriomeningitis. Bratisl. lek. listy 34 no.10-11:1250-1258 Oct-Nov 54.

1. Z I internej kliniky LFSU, prednosta akademik L.Derer, a Neurologickej kliniky LFSU, prednosta clen koresp. SAV J.Cernacek

(VIRUS DISEASES
lymphocytic choriomeningitis, clin. picture)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

1538. BALEK F. and SMETANAY J. Neurol. Klin. LFUK. Bratislava. Metastázy plúcnych karcinómov do mozgu. Pulmonary carcinoma metastases in the brain BRATISLAVSKE LEKARS. LISTY 1955, 35/7 (415-426) Tables 5

Among 158 cases of intracranial tumours 31 were metastatic, among which were 10 cases of pulmonary carcinoma metastases. The diagnosis was made at histological examination after surgical removal or at post-mortem examination. In 6 cases it was a single metastasis, in 4 patients the metastases were multiple. The primary carcinoma of the lungs was diagnosed in only 2 patients. Some diagnostic mistakes are reported. In case of acute onset of cerebral symptomatology the diagnosis of a vascular accident is made. In other cases fever was the cause of the wrong diagnosis of encephalitis. In one case the diagnosis of the pulmonary process was wrong. The possibility of an abscess in the neighbourhood of the brain metastasis is discussed. It may develop from a gangrene of the primary pulmonary carcinoma. Three patients were operated on. Two of them died following the operation, one patient recovered. There is an indication to the operation when the general state is good and when it is a case with a single metastasis favourably localized.

Henner - Prague (VIII, 5, 15, 16)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

2338. VIRUS OF TICK-BORNE ENCEPHALITIS AS A POTENTIAL AETIOLOGICAL FACTOR IN CHRONIC POLYRADICULONEURITIS (Bulgarian text) - Černáček J. and Balek F. - BRATISL. LEK. LISTY 1958, 38(II)/4 (193-197) Tables 2

In 38 patients suffering from inflammatory diseases of the peripheral nervous system, virological investigation was evaluable in 26; of these, 4 patients with chronic polyradiculoneuritis were positive or suspect for tick-borne encephalitis representing about 3 times the prevalence in the general population.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

1091. THE QUESTION OF SEASONAL INCIDENCE OF TICK-BORNE ENCEPHALITIS - Balek F. BRATISL. LEK. LISTY 1958, 38(II)/4 (197-202) Tables 3

Analysis of the clinical and virological findings in 29 patients with virologically proved or probable tick-borne encephalitis indicated that extraseasonal incidence might in some cases be explainable by deviations in the course of disease: (1) The acute stage runs subclinically, and after a longer latent period the chronic stage develops. Subclinical infection becomes manifest after a longer latent period than acute disease. (3) After the acute form, relapse occurs after a longer interval as a new manifestation of a persisting latent infection. (L, 8)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, F.; UJHAZYOVA-KRALIKOVA, D.

Leptomeningeal carcinomatosis. Neoplasma 9 no.2:185-193 '62.

1. Neurologische Klinik der Medizinschen Fakultat der Komensky Universitat, Bratislava, CSSR.

(MENINGES neoplasms)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BAIEK, Frantisek, dr.

New methods in collecting and using the scientific, technical and economic information. Podnik organizace 16 no.12:551-553 D '62.

1. Technicko-organizacni vyzkumny ustav strojirensky.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, F.

June, the month of water purity in Teplice. Vodni hosp no.9: 388 S '62.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

ACC NR: AP6024089 SOURCE CODE: CZ/0082/66/000/001/0048/0054

B

AUTHOR: Balek, F.; Jager, M.

ORG: Neurological Clinic, Medical Faculty, KU/headed by Academician J. Cernacek/, Bratislava (Neurologicka klinika lekarskej fakulty KU)

TITLE: Analyzer system for the registration of neurological case sheets

SOURCE: Ceskoslovenska neurologie, no. 1, 1966, 48-54

TOPIC TAGS: hospital equipment, punched card, data storage

ABSTRACT: A system of mechanical filing of neurological case sheets is described. The system is based on the analyzer system of punch cards with one row of holes at the edge. A combined key is used for filing, and the registered data are divided into combined groups in such a way that a diagnosis can be filed according to various classifications such as etiology, localization, syndrome. Orig. art. has: 1 figure and 1 table. [Based on authors' Eng. abst.] [JPRS]

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, F., dr.

Technical literature, a tool of technical progress.
Strojirenstvi 14 no. 3: 161-162 Mr '64.

1. Ministry of Heavy Machine Industry, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

PEKAROVIC, Eduard, C.SC. MUDr.; CERVENANSKY, Jan, Univ. prof. MUDr., vedecky redaktor; KRATOCHVIL, Milan, doc. MUDr., recenzent; BALEK, Ferdinand, MUDr.

Bifid myelodysplasia with lumbosacral localization. Lek. prac. [Biol. lek.] 3 no.5:1-112 '63.

1. Klinika detskej a mozgovej chirurgie, Lekarska fakulta Univerzity Komenskeho, Bratislava (for Pekarovic).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, J.

"Application of mathematical statistics in the sutdy of hydrological phenomena concerning the annual discharge of the Vitava River."

p. 139 (Meteorologicke Zpravy, Vol. 10, no. 6, Dec. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9, September 1958

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, J.; KOLAR, V.

Statistical parameters of river bends. p. 237

VODOHOSPODARSKY CASOPIS. (Slovenska akademia vied) Bratislava, Czechoslovakia.
Vol. 7, no. 3, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 12, Dec. 1959
Uncl.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, J.

"Problem of selecting representative periods in processing hydrologic material." p. 24.

METEOROLOGICKE ZPRAVY. Praha, Czechoslovakia, Vol. 12, no. 1, Feb. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959. Uncl.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, Jaroslav, inz.; HOLECEK, Jiri, ins.

Determining the shape and volume of flood waves. Vodni hosp 13 no.4:123-128 '63.

1. Ustav pro hydrodynamiku, Ceskoslovenska akademie ved, Praha.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, Jaroslav, inz. CSc.; RALKOVA, Jarmila, dr. CSc.; SLUNECKO, Jaroslav, inz.

Use of isotopes for hydrologic measurements. Vodni hosp 15 no.4: 145-147 '65.

1. Institute of Hydrodynamics of the Czechoslovak Academy of Sciences, Prague, and Institute of Nuclear Research of the Czechoslovak Academy of Sciences, Rez.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, Jaroslav, inz. CSc.; HOLECEK, Jiri, inz.

Contribution to the calculation of flood recurrence. Vodni hosp 14 no. 3:83-85 '64.

1. Institute of Hydrodynamics, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, Jaroslav, ing. CSc.

Calculation of flood wave characteristics. Vodohosp cas 12 no.2:161-175 '64.

1. Institute of Hydrodynamics, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, Jaroslav, inz.

Prospects of automation of the hydrologic data preparation.
Vodni hosp 14 no. 1:3-4 '64.

1. Ustav pro hydrodynamiku, Ceskoslovenska akademie ved.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BUDINSKY,J.; BALEK,M.

On the pathogenesis, therapy and prevention of inflammatory changes in the uterine adnexa. Cesk. gynek. 29 no.3:190-192 Ap'64.

1. Gyn.-por. odd OUNZ v Beroune; vedouci: MUDr.J.Budinsky, CSc.

*

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, Milon, inz.

Verification of the safety of non-exploding electric equipment made abroad. Uhli 4 no.12:417 D '62.

1. Vedeckovyzkumny uhelny ustav, Ostrava - Radvanice.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, Milon, inz.

Conditions for the installation of nonexplosive electric equipment in spaces in danger of explosive gas and vapor mixtures. Elektrotechnik 18 no.3:64-65 Mr '63.

1. Vedecko-vyzkumny uhelny ustav, Ostrava - Radvanice.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, Vladimir

Emanation method in chemical research. Chem listy 58 no.11: 1261-1272 N '64.

1. Chair of Physical Chemistry, Faculty of Natural Sciences, Charles University, Prague.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALEK, V.

Prague, Collection of Czechoslovak Chemical Communications, Vol 27, No 7, April 1962.
Copyright by the Publishing House of the Czechoslovak Academy of Sciences, 1962.

1. "Telerogenicity of Nonbacteroid Arcanic and Related Substances; Part VIII. Absorption Processes During the Electrodeposition of the Dropping Zinc," V. ZDENEK of the Polarographic Institute of the Czechoslovak Academy of Sciences, Prague, and J. CHMOUREK of the Institute of Physicochemical Analytical Methods, at the Polish Academy of Sciences, Warsaw (original language: institutional names not given); pp 759-776 (English article).

2. "Substitution of Ligands in Macrocomplexes. Part IV. Substitution of Pyrrole Metalporphyrin," V. PEKÁREK of the Institute of Inorganic Chemistry at Charles University, Prague; pp 777-781.

3. "Substitution of Ligands in Macrocomplexes. Part V. Hydrated Pyrrole Porphyrin," V. PEKÁREK of the Institute of Inorganic Chemistry at Charles University, Prague; pp 782-787.

4. "On Protein Interactions. Part XXXIII. A Study, by the Light Scattering Technique, of the Association Method, of the Effect of Conditions Upon the Association of Heat-Denatured Human Serum Albumin," P. DAUNOVÁ, P. MIKEŠ and B. SEDLÁČEK, Institute of Macromolecular Chemistry at the Czechoslovak Academy of Sciences, Prague; pp 788-800 (English article).

5. "On Protein Interactions. Part XXXIII. Degradation, by Urea Solutions, of Aggregates of Heat-Denatured Human Serum Albumin," V. DAUNOVÁ, P. MIKEŠ and B. SEDLÁČEK, Institute of Macromolecular Chemistry at the Czechoslovak Academy of Sciences, Prague; pp 802-807 (English article).

6. "[illegible] the Use of the Extraction Method, of the Complexes Zinc Ethylenediaminetetraacetate with Alpha-Benzoyl Acids," J. PLÍVA and V. RUSEK of the Nuclear Chemistry Institute, Faculty of Technical and Nuclear Physics, Czech Institute of Technology, Prague; pp [illegible].

7. "Chromatographic Fractionation of Polychloroprenes," J. PELÁCEK and J. MATRÍDA, Institute of Physical Chemistry at the Czechoslovak Academy of Sciences, Prague; pp 815-822.

8. "Separation Methods for Natural Products. Part I. New Countercurrent Distribution Procedure," V. PROCHÁZKA, J. PETRÁ and Z. ČERNÝ, Research Institute for Natural Drugs, Prague; pp 823-831 (English article).

— 2/5 —

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALELOS, B.I., inzh.; GENKIN, V.A., inzh.

Determining the zones of faults of a hanging side in working ore shoots in the Krivoy Rog Basin. Gor. zhur. no.12:25-27 D '62. (MIRA 15:11)

1. Krivorozhskiy opornyy punkt Vsesoyuznogo nauchno-issledlvatel'skogo marksheyderskogo instituta.
(Krivoy Rog Basin—Faults (Geology))
(Mine surveying)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

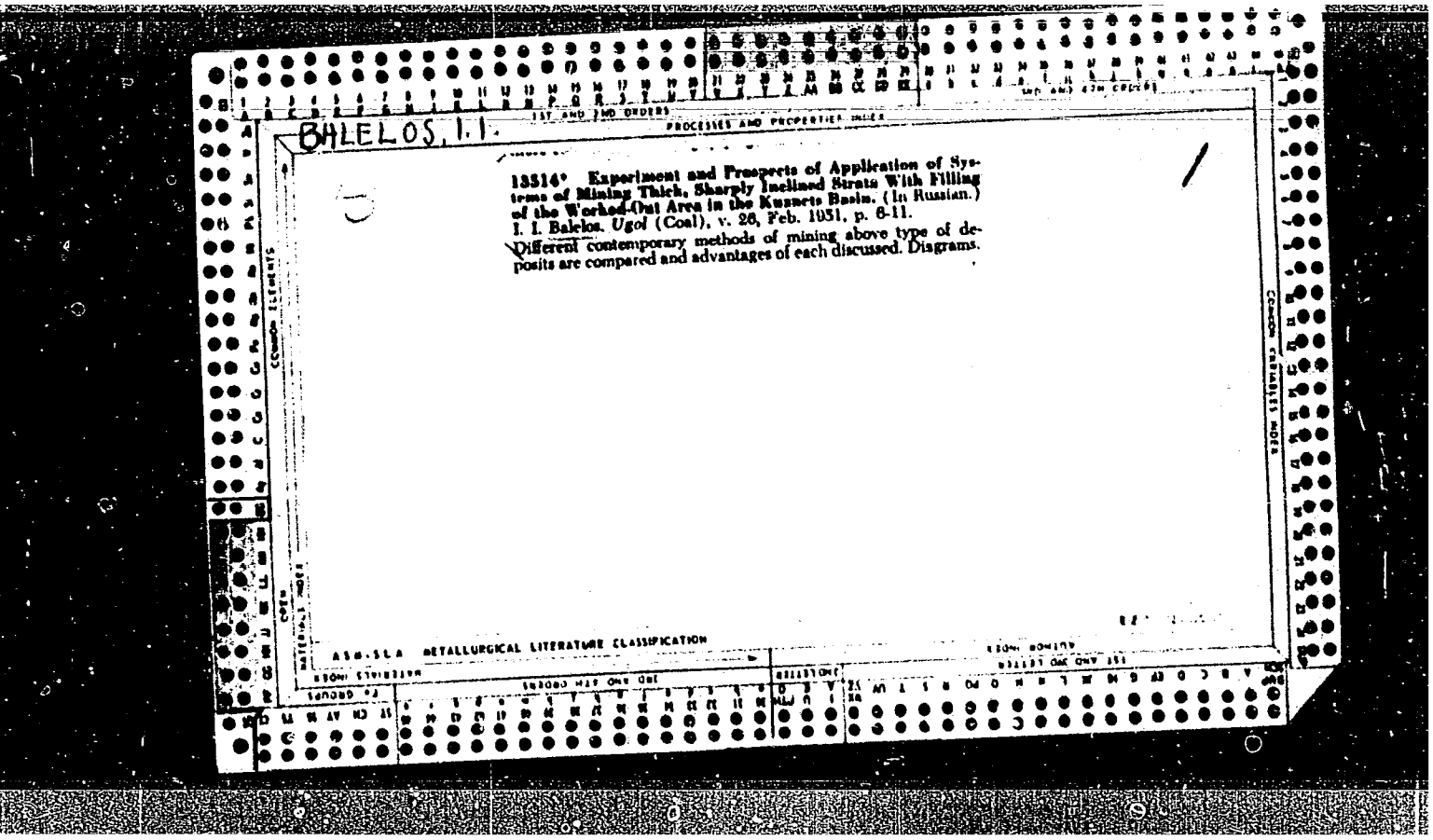
BAL[illegible], I. I.

"Improved Mining Methods Decrease Kuzbass Coal Losses Horizontal-Layer Method Combined with Backfilling", Ugol', No. 2, 1951.

SO: W-17887, 26, Apr 1951

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1



BALELOS, I. I.

13514* Experiment and Prospects of Application of Systems of Mining Thick, Sharply Inclined Strata With Filling of the Worked-Out Area in the Kuznets Basin. (In Russian.) I. I. Balelos. *Ugol* (Coal), v. 26, Feb. 1951, p. 8-11.

Different contemporary methods of mining above type of deposits are compared and advantages of each discussed. Diagrams.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BUTKEVICH, R.V.; SHUSHKOVSKAYA, Ye.L., redaktor; FILIPPOVA, G.V., redaktor; BALEIKS, I.I., redaktor.

[Peculiarities of working large coal seams in the Chelyabinsk Basin] Osobennosti razrabotki moshchnykh ugol'nykh plastov v Cheliabinskom basseine. Moskva, Ugletekhizdat, 1953. 162 p. (MLRA 7:6)
(Chelyabinsk Basin--Coal mines and mining) (Coal mines and mining--Chelyabinsk Basin)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BAIELOS, I. ; BEDRIN, M.

Mining of thick coal seams in the Soviet Union with mine filling. Tr. from the Russian.

P. 360. (UHLI) (Praha, Czechoslovakia) Vol. 7, No. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) IC Vol. 7, No. 5, 1958

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALKOS, I.I., gornyy inzhener.

Session of the technical council of the Ministry of Coal Mining of the Ukrainian S.S.R. for the discussion of "Basic premises, directions, and norms for establishing an over-all plan for redesigning and modernising Donets Basin mines." Ugol' 32 no.4:45-46 Ap '57. (MLRA 10:5)

(Donets Basin--Coal mines and mining)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BALMOS, I.I., gornyy inzh.; MIKHAYLOV, V.M., gornyy inzh.

New mining systems. Ugol' 32 no.10:6-11 O '57. (MIRA 10:11)
(Coal mines and mining)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

RALEIOS, I.I., gornyy inzh.

Analyzing the changes having taken place in coal mining systems during the period 1950-1958. Ugol' 35 no.2:45-47 F '60. (MIRA 13:6)

(Mining engineering)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

KALMYKOV, Ye.P.; BALELOS, I.I.; CHERNITSYN, Ye.A.

Advantages of the block system for baring and mining deposits in the construction of large mines. Ugol' 36 no.3:1-6 Mr '61. (MIRA 14:3)

1. TSentrogiproshakht.
(Coal mines and mining)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

Balen S.A.

847. THE DIAGNOSTIC SIGNIFICANCE OF QUANTITATIVE DETERMINATION OF OESTROGENS AND NEUTRAL 17-KETOSTEROIDS IN SOME ENDOCRINE DISORDERS (Russian text) - Balen S. A. - VRAC. DELO 1956, 11 (1187-1192)

The author gives data on the oestrogen and neutral 17-ketosteroid content of the urine of patients suffering from Itsenko-Cushing syndrome, Addison's disease, precocious puberty syndrome, thyrotoxicosis, myxoedema, climacteric neurosis, hirsutism, primary and secondary amenorrhoea. (S)

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BALEN, S.A. (Kiev'kov)

Diagnostic role of qualitative determination of estrogens and neutral 17-ketosteroids in some endocrine diseases. Vrach.delo no.11: 1187-1191 N '56. (MLRA 10:3)

1. Klinicheskiy otdel (rukovoditel' - professor M.A.Kopelovich) Ukrainskogo instituta eksperimental'noy endokrinologii
(GLANDS, DUCTLESS--DISEASES) (HORMONES)

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BALEN, S. A., Master Med Sci —(diss) "The treatment of endarteritis obliterans with the Tetramon-I (carcinostatic) drug." K.mar'kov, 1957, 16 pp. (K.mar'kov Med Inst) (KL, No 40, 1957, p.95)

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BALEN, S.A. (Khar'kov)

Tethamon-I preparation for treating endarteritis obliterans. Vrach. delo no.8:789-791 Ag '57. (MLRA 10:8)

1. Klinicheskiy otdel (rukovoditel' - prof. M.A.Kopelovich) i fiziologicheskiy otdel (rukovoditel' - dotsent B.A.Vartapetov) Ukrainskogo instituta eksperimental'noy endokrinologii
(ARTERIES--DISEASES) (AMMONIUM COMPOUNDS)

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Country : USSR
Category : Pharmacology and Toxicology. Ganglionic Blocking Preparations
Abs. Jour. : Ref Zhur-Biol, No 13, 1958, No 61418

Author : Balen, S. A.
Institut. : -
Title : Effect of Tetamon /Tetraethylammonium Iodide/ upon the Neuromuscular Apparatus of the Extremities of Rabbits with Experimental Circulatory*
Orig Pub. : Farmakol. i toksikologiya, 1957, 20, No 2, 21-22

Abstract : Ligation of the femoral artery in rabbits is usually followed by loss of hair, formation of ulcers and scabs, and sometimes gangrene of the toes. There is also a decrease in the strength of contractions of the muscles of the posterior extremities when stimulated with inductive current. The changes were stable and lasted for 3 months. When Tetamon (4 mg./kg.) was given

* Disturbance (Author's Report)

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Category :

Abs. Jour. : Ref Zhur-Biol, No 13, 1958, No 61418

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : intravenously twice daily for a month beginning immediately after arterial ligation, trophic disturbances were not observed. The amplitude of muscular contractions in the posterior extremities after operation was the same as that before operation, which indicates normal nutrition of the extremity, and especially of the nerve.-- K. M. Lakin

Card: 2/2

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[redacted], S.A., kand.med.nauk (Khar'kov)

Method of determining blood sugar on a color scale. Vrach.delo no.8: 879-880 Ag '59. (MIRA 12:12)

1. Klinicheskiy otdel (rukovoditel' - prof. M.A. Kopelovich) Ukrainskogo instituta eksperimental'noy endokrinologii.

(BLOOD SUGAR) (COLORIMETRY)

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BALEN, S.A.

Urine color precipitation reaction in clinical endocrine diseases.
Probl. endok. i gorm. 6 no. 4:77-81 Jl-Ag '60. (MIRA 14:1)
(ENDOCRINE GLANDS--DISEASES) (URINE)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

KOLENKO-LEGEZO, N. A.; SHRAGO, M. I.; ZALKINA, Kh. P.; BALEN, S. A.

Treatment of Werlhof's disease with hypophysial-adrenal gland hormones and some data on the functional state of the hypophysial-adrenal gland system in this disease. Probl. gemat. i perel. krovi no.8:27-30 '62. (MIRA 15:7)

1. Iz gematologicheskogo otdela (zav. N. A. Kolenko-Legezo) Ukrainskogo nauchno-issledovatel'skogo instituta perelivaniya krovi i neotlozhnoy khirurgii (dir. L. A. Ripyakh) i endokrinologicheskoy kliniki (zav. L. P. Lobachevskaya) Ukrainskogo nauchno-issledovatel'skogo instituta endokrinologii (dir. S. V. Maksimov)

(PURPURA(PATHOLOGY)) (ADRENAL GLANDS)
(PITUITARY BODY)

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BALEN, S.A.; BESEDINA, Ye.M.

Use of cetamiphen in hypercholesteremia in diabetics. Probl. endok. i gorm. 10 no.5:7-10 S-O '64. (MIRA 18:6)

1. Klinicheskiy otdel (zav. - kand. med. nauk L.I. Lobanovskaya; nauchnyy rukovoditel' - prof. M.A. Kopelovich) Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kand. med. nauk S.M. Maksimov) i kafedra endokrinologii s patofiziologiyey Ukrainskogo instituta usovershenstvovaniya vrachey (dir. - dotsent I.I. Ovsiyenko), Khar'kov.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103310002-1

BESFDINA, Ye.M.; BALEN, S.A.

Effectiveness of some cholesterol-reducing substances in cholesteremia in patients with diabetes mellitus. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:114-119 '64. (MIRA 18:7)

1. Iz klinicheskogo otdela Ukrainskogo instituta eksperimental'noy endokrinologii i kafedry endokrinologii Ukrainskogo instituta usovershenstvovaniya vrachey.

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LOBANOVSKAYA, L.I., kand. med. nauk; BALEN, S.A., kand. med. nauk

Xanthomatosis. Probl. endok. i gorm. 10 no.4:62-65 Jl-Ag '64.
(MIRA 18:6)

1. Klinicheskiy otdel (zav.- kand. med. nauk L.I. Lobanovskaya) Ukrainskogo instituta eksperimental'noy endokrinologii (dir.- kand. med. nauk S.V. Maksimov), Khar'kov.

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BALENKO, A.F., inzhener; BUKH, V.M., inzhener.

The EM-201 multibucket excavator. Strel.i der.mashinostr. no.7:5-6 Jl '56. (Excavating machinery) (MLRA 9:10)

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L 32607-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG/GD

ACC NR: AT6010591 SOURCE CODE: UR/0000/65/000/000/0163/0168

AUTHOR: Amonenko, V. M.; Kruglykh, A. A.; Pavlov, V. S.; D'yakov, I. G.; Balenko, E. P.

33
B+1

ORG: Physicotechnical Institute, AN SSSR (Fiziko-tekhnicheskiy institut AN SSSR)

TITLE: On the possibility of purifying cerium by zone recrystallization

SOURCE: AN UkrSSR. Fazovyye prevrashcheniya v metallakh i splavakh (Phase transformations in metals and alloys). Kiev, Naukova dumka, 1965, 163-168

TOPIC TAGS: metal zone refining, cerium, recrystallization, zone melting

ABSTRACT: The object of the study was to determine the distribution of impurities (lanthanides, silicon, magnesium, iron, and copper) in cerium during zone melting of the latter. The process was carried out at 3×10^{-6} mm Hg on cerium which had first been remelted for one hour at 1423K at the same pressure. The molten zone was produced by electron bombardment, and its travel rate was varied from 5 to 0.15 mm/min. The refining process turned out to be most efficient at a rate of 0.5 mm/min. However, zone melting is not effective in removing other rare earth metals from cerium. Iron, copper, and silicon impurities are driven to the end of the ingot and have a distribution coefficient $K < 1$. After ten passes, the iron content decreases by a factor of 5, and the silicon and copper contents decrease by a factor of 10. Magnesium is removed chiefly by vaporization as the zone moves

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L 32607-66

ACC NR: AT6010591

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along the sample. Orig. art. has: 3 figures and 2 tables.

SUB CODE: 11 / SUBM DATE: 07Oct64 / ORIG REF: 003 / OTH REF: 002

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steel column, 32.2 mm in diameter and 12, mm high, with a temperature gradient of 350C along the column height. The evaporation was conducted at 1450C at a rate of

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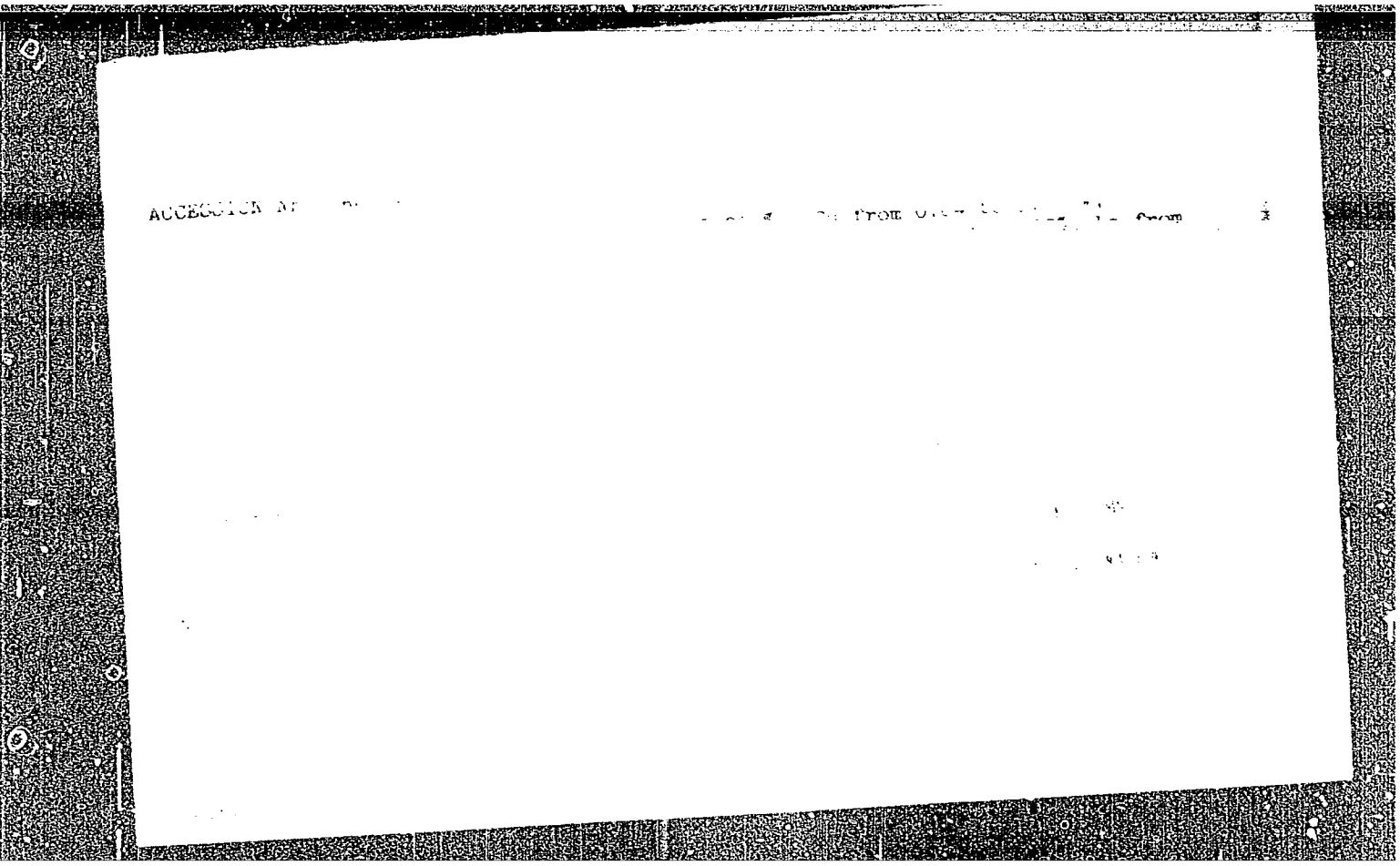

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